



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Arkadiy MORGENSHTEIN et al

Serial No.: 10/825,123

Filed: April 16, 2004

For: ION CONCENTRATION
TRANSISTOR AND DUAL-
MODE SENSORS (amended)

Examiner: John C. BALL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Group Art Unit: 4128

Attorney
Docket: 27238


DECLARATION UNDER 37 CFR 1.132

Sir:

I, Arkadiy MORGENSHTEIN of 11/51 Yigal Alon Street, Kiryat-Motzkin,
Israel, declare as follows:

1. I am a joint inventor of the invention disclosed and claimed in the
above-identified application;
2. I am the author of the Research Thesis titled "Design an Methodology of
ISFET (Ion Sensitive Field Effect Transistor) Microsystems for Bio-Telemetry"; and
3. The Research Thesis was presented by me on April 27, 2003, as is
evidenced by a Transcript of Academic Record from the Technion - Israel Institute of
Technology, attached and marked Annex A. The Research Thesis was not available to
the public prior to that date.

I declare that all statements made herein of our knowledge are true and
that all statements made on information and belief are believed to be true; and further that
these statements are made with the knowledge that willfully false statements are punishable
by fine or imprisonment under 18 U.S.C. Section 1001 and that any such statement may
jeopardize the validity of the subject application or any patent issued thereon.


Arkadiy MORGENSHTEIN

17.4.2008
Date: April , 2008



Annex A

DATE: 29/04/2007

TECHNION - ISRAEL INSTITUTE OF TECHNOLOGY
THE GRADUATE SCHOOL
TRANSCRIPT OF ACADEMIC RECORD

STUDENT: MORGENSSTEIN ARKADIY
FOR DEGREE: MASTER
ACADEMIC UNIT: BIOMEDICAL ENGINEERING

ID: 306119561

DATE OF ADMISSION: 10/2000 STATUS: GRADUATED ON: 08/2003

	GRADUATE	UNDERGRADUATE
REQUIRED CREDITS	18	10
TRANSFERRED CREDITS		
EARNED CREDITS	27.6	2

2000-2001 WINTER SEMESTER

GPA: 91.3

048966 MICROELECTRONICS LABORATORY	2.0	G	95
236611 ADVANCED TOPICS IN COMPUTER SCIENCE II	2.0	J	95
274001 INTR. TO MACROSCOPIC & MICROSCOPIC ANATO.	2.0	UG	84

2000-2001 SPRING SEMESTER

GPA: 87.9

046187 ANALOG CIRCUIT DESIGN	3.0	J	95
276010 BIOPHYSICS AND NEUROPHYSIOLOGY FOR ENG.	3.0	J	85
336004 BIOLOGICAL PROCESSES	2.5	J	73
336319 BIOMEDICAL ENGINEERING PROJECT	2.0	J	100

2001-2002 WINTER SEMESTER

GPA: 75.6

276011 SYSTEMS PHYSIOLOGY ENG.	3.0	J	66
336326 DATA ANALYSIS AND PARAMETER ESTIMATION	2.0	J	90

2001-2002 SPRING SEMESTER

GPA: 98.5

048864 ADVANCE TOPICS IN COMPUTER ARCHITECTURE2	2.0	G	99
048878 VLSI ARCHITECTURES	2.0	G	98

2002-2003 WINTER SEMESTER

GPA: 93.5

048879 SEMINAR IN VLSI ARCHITECTURE	2.0	G	97
049016 DESIGN AND MODELING OF MICRO-ELECTRO-MEC	2.0	G	90

TOTAL G.P.A.: 88.7

LANGUAGE REQUIREMENTS

ENGLISH - READING PROFICIENCY: EXEMPT ENGLISH - ADVANCED LEVEL: PASSED
328050 ACADEMIC WRITING FOR DOCTORAL CANDIDATES - PASS - 01/2005

THESIS TOPIC: Design and Methodology of ISFET (Ion Sensitive Field Effect Transistor) Microsystems for Biotelemetry

THESIS PRESENTATION AND FINAL EXAMINATION:

THESIS PRESENTATION DATE: 27/04/2003 SEMINAR LECTURE DATE: 02/03/2003
FINAL EXAMINATION DATE: 15/07/2003 COMBINED GRADE FOR THESIS AND EXAMINATION: 95

DEGREE CONFERRED: MASTER OF SCIENCE IN BIOMEDICAL ENGINEERING

